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(12) # EUROPEAN PATENT APPLICATION

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(54) **System and method for reducing SAR values**

(57) A system and method for reducing the Specific Absorption Rate (SAR) of a mobile communication device employs a sensor assembly for sensing when the mobile communication device is in proximity to a body such as a human body, animal body, or the like. The average power of the radio frequency electromagnetic energy radiated by the mobile communication device may then be reduced only when necessary so that the SAR value for the device is maintained below a predetermined acceptable level.

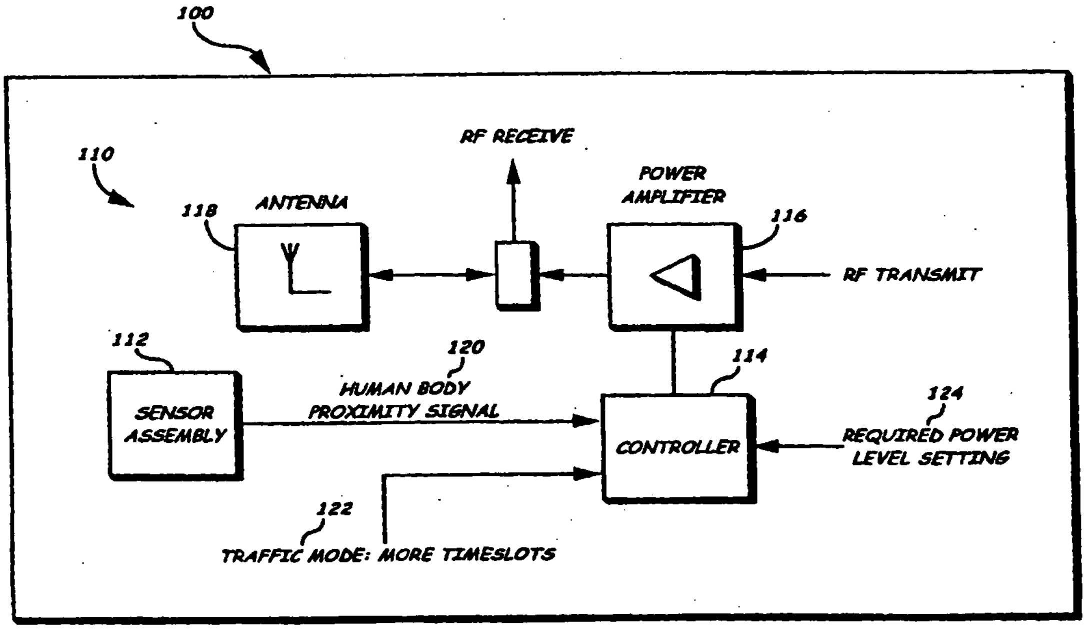

FIG. 1

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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
P,X	EP 1 156 591 A (SAGEM) 21 November 2001 (2001-11-21) * abstract * * page 2-6 * * figures 1-3 * ---	1-4, 10-13, 15-17, 24,30,31	H04B1/38
A	US 5 524 275 A (LINDELL BO K) 4 June 1996 (1996-06-04) * abstract * * column 1-3 * * column 5, line 21-24 * * figures 1-6 * ---	1-37	
A	WO 95 03549 A (QUALCOMM INC) 2 February 1995 (1995-02-02) * abstract * * page 1-6 * * figures 1-3 * -----	1-37	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H04B H03G H01Q G01R

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
BERLIN	16 December 2003	GONZALEZ GUTIER.., B

CATEGORY OF CITED DOCUMENTS

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